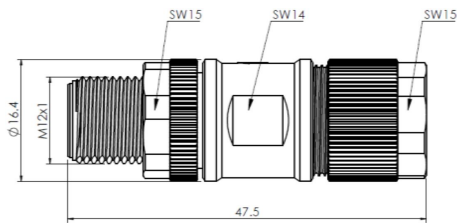


Field-wireable connector M12, 8-pin, Male, Straight, X-coding



Typecode M12X08MBSFWCP607500

ID 100603000001

Technical Data

Connector	
Connector A	Male, M12 x 1, Straight, X-coding
Number of pins	8
Contacts	Brass, Gold-plated
Contact carriers	PA
Coupling nut/screw	Brass, Nickel-plated
Housing	Brass, Nickel-plated
External diameter of the cable	6.0 ... 7.5 mm
Core cross-section/Clamping ability	0.14 ... 0.25 mm ²
Connection mode	Crimping connection
Mechanical lifespan	≥ 100 Mating cycles
Pollution degree	III
Protection class	IP67, Only in screwed condition
Coupling mode	Screw
Standard	IEC 61076-2

Electrical properties at +40 °C

Rated voltage	50 V
Rated current	0.5 A
Insulation resistance	≥ 10 ⁸ Ω
Contact resistance	≤ 3 mΩ
Test voltage	800 V
Signal type/category	CAT 6A

Mechanical and chemical properties

Ambient temperature range (stationary) -25 °C ... +85 °C

Commercial data

Country of origin	CN
Packaging unit	1 pc

* Please note that the data specified here were design data, and the parameters of product are subject to changes without prior notice. Matters not mentioned herein. Please contact customer service. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

Features

- Male, Straight, X-coding
- Metal housing
- Protection class: IP67
- Crimping connection
- 8-Pin
- Cable feedthrough: 6.0...7.5 mm
- RoHS-compliant

Contact assignment

